

Title (en)
V belt.

Title (de)
Keilriemen.

Title (fr)
Courroie trapézoïdale.

Publication
EP 0213627 A1 19870311 (EN)

Application
EP 86112074 A 19860901

Priority
JP 19631085 A 19850904

Abstract (en)
A V belt to be used for a dry type transmission. It comprises at least one endless load carrier (3) with cogs (11) at the underside thereof and a plurality of blocks (4) with slots in which said load carrier is fitted. Said load carrier and said blocks are engaged with each other in a lengthwise direction of the belt by engagement of a curved convexed surface (6c) of a slot under surface of the block with a curved concaved part which is a valley (11 b) between adjoining cogs of the load carrier. Cog peaks (11a) of the load carrier are positioned above the lowermost end position of the slots of adjoining blocks at the part of rectilinear state.

IPC 1-7
F16G 5/16

IPC 8 full level
F16G 5/16 (2006.01)

CPC (source: EP US)
F16G 5/166 (2013.01 - EP US)

Citation (search report)

- [A] EP 0135710 B1 19870909
- [A] FR 2389802 A1 19781201 - PIRELLI [IT], et al
- [A] FR 2515296 A1 19830429 - DAVID BERNARD [FR]
- [A] WO 8404950 A1 19841220 - DAYCO CORP [US]

Cited by
WO0192756A1; WO0240890A1; WO0194810A1; WO0192757A1; KR100827096B1; US5776023A; EP0918173A1; EP1875102A4; DE102008045017A1

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0213627 A1 19870311; EP 0213627 B1 19891004; CA 1266387 A 19900306; DE 3666087 D1 19891109; JP H0158376 B2 19891211; JP S62151646 A 19870706; US 4734085 A 19880329

DOCDB simple family (application)
EP 86112074 A 19860901; CA 517467 A 19860904; DE 3666087 T 19860901; JP 20833286 A 19860903; US 90334686 A 19860903